

WEEKLY STATUS REPORT

Prepared By: Patrick Rubenbauer

BCP Project No.:	C224099	EPA Consent Order No.:	CERCLA-02-2017-2021	Date:	2/24/2020
------------------	---------	------------------------	---------------------	-------	-----------

Project Name:	BRT Powerhouse 153 2 nd Street AKA 322 3 rd Avenue, Brooklyn, NY 11215
---------------	---

General Comments (Week of February 17, 2020):

- N/A.

Remediation Activities (Week of February 17, 2020):

- Roux personnel gauged monitoring wells and completed product recovery via absorbent sock as necessary.
- Roux personnel downloaded data from the In Situ LevelTROLL 700 submersible electronic data loggers in monitoring wells MW-9, MW-11, MW-12, and MW-18 to monitor Site-wide groundwater elevations.
- Roux personnel and subcontractor, Aquifer Drilling and Testing (ADT), installed two flush-mount groundwater monitoring wells, MW-13 and MW-14, and completed one soil boring, EPA-SB-1, at the Site. MW-13 was installed in the west area of the Site and MW-14 was installed in the northwest area of the Site as these areas became accessible. Soil boring EPA-SB-1 was completed in the northwest area of the Site, just north of the historic coal tunnel and west of the boiler house superstructure (see attached figure). The following table summarizes depth and elevation intervals of the soil samples collected from the monitoring well / soil borings:

Monitoring Well / Soil Boring ID	Sample Interval (ft bls)	Sample Elevation (ft NAVD 88)
MW-13	14-16	2.5 to 0.5
	38-40	-21.5 to -23.5
MW-14	10-12	7.5 to 5.5
	17-19	0.5 to -1.5
	33-35	-15.5 to -17.5
EPA-SB-1	10-12	6.5 to 4.5
	16-18	0.5 to -1.5
	32-34	-15.5 to -17.5

As discussed in the e-mail to USEPA dated July 19, 2018 the deep soil sample at MW-13 and the deep soil samples at MW-14 and EPA-SB-1 were collected to align with the proposed Gowanus Canal dredge elevation of -23 ft NAVD 88 and the proposed former lateral canal excavation elevation of -17.5 ft NAVD 88, respectively. Soil samples were analyzed for Part 375 pesticides, polychlorinated biphenyls (PCBs), Part 375 volatile organic compounds (VOCs), Part 375 semi-volatile organic compounds (SVOCs), Part 375 metals, hexavalent/trivalent chromium, total cyanide, mercury, and Part 375 herbicides. Tables summarizing the analytical results of these soil samples will be included in the upcoming Periodic Review Report, to be submitted to NYSDEC and USEPA. One 55-gallon drum of soil cuttings and two 55-gallon drums of purged groundwater from the development of the monitoring wells were produced during this event. The three drums will be disposed of offsite.

Redevelopment Activities (Week of February 17, 2020):

- Roux personnel and subcontractor, Nova Geophysical Engineering Services (Nova), completed a geophysical survey outside of the southeast turbine hall entrance, in the southeast corner of the turbine hall, in the accessible areas of the turbine hall annex area, and in the south and east Site driveways. The survey consisted of a combination of ground penetrating radar (GPR) and electromagnetic (EM) survey techniques. The purpose of the survey was to gather more information about the underground piping and structures present in that portion of the Site.
- Advanced Scaffold (Site scaffold contractor) completed scaffold construction work along the west side of the turbine hall.
- Maspeth Welding (Site steel contractor) continued steel installation work in the turbine hall.
- Domani (Site survey contractor) continued surveying work to check for building movement.
- Structure Tech (Site foundation contractor) continued construction of the boiler house superstructure including rebar installation, welding, concrete pours for walls and slabs, and wall formwork construction.
- Centrifugal Electrical, LLC (Site electrical contractor) continued electrical utility installation, electrical support for the hoist system, and temporary lighting at the boiler house superstructure.
- Rock Group Construction (Site hoist contractor) constructed the hoist in the west yard of the Site.
- Donato Plumbing Inc. (Site plumbing contractor) continued plumbing utility installation at the boiler house superstructure.
- Eastern Air Inc. (Site HVAC contractor) continued HVAC construction work at the boiler house superstructure.
- Nordest Services (Site demolition contractor) continued selective demolition work inside the turbine hall.
- New Roc Contracting (Site façade contractor) continued construction of wall mockups onsite.

Planned Activities for next week:

- Continue steel installation work in turbine hall.
- Continue selective demolition work in the turbine hall.
- Continue the boiler house superstructure construction scope including rebar installation, HVAC construction, welding, wall formwork construction, concrete pours for walls and slabs, and utility installation.

Photo Log

Photo 1 – Looking northwest, Structure Tech continues rebar installation at the boiler house superstructure.












Photo 2 – Looking east, Nova conducts the geophysical survey outside the southeast turbine hall entrance.



Photo 3 – Looking north, ADT drills to install MW-14 in the northwest area of the Site.



- | | | | | | |
|--|----------------|---|----------------------------------|--|---|
|  | Fill Stockpile |  | Steel Work |  | Approximate Soil Boring/Monitoring Well Installation Location |
|  | Demolition |  | Installed SOE | | |
|  | Backfill |  | Boiler House Superstructure Work | | |
|  | Excavation |  | Seepage Basin | | |

